

2 Way-0° Power Splitter/Combiner

PSC-2-1W+

Typical Performance Data

FREQ. (MHz)	TOTAL LOSS ¹ (dB)		AMP. UNBAL. (dB)	ISOLATION (dB)	PHASE UNBAL. (deg.)	FREQ. (MHz)	VSWR (:1)		
	S-1	S-2					S	1	2
1.0	3.27	3.27	0.00	28.70	0.04	1.0	1.10	1.28	1.28
2.0	3.27	3.27	0.00	33.15	0.09	2.0	1.08	1.23	1.23
3.0	3.24	3.24	0.00	35.63	0.04	3.0	1.08	1.21	1.21
4.0	3.23	3.23	0.01	37.10	0.16	4.0	1.08	1.20	1.20
5.0	3.23	3.23	0.00	38.10	0.04	5.0	1.09	1.19	1.19
6.0	3.23	3.23	0.00	38.80	0.08	6.0	1.09	1.19	1.19
7.0	3.21	3.20	0.01	39.29	0.15	7.0	1.09	1.19	1.19
8.0	3.23	3.24	0.01	39.55	0.22	8.0	1.09	1.18	1.18
9.0	3.21	3.21	0.00	39.81	0.13	9.0	1.09	1.18	1.18
10.0	3.22	3.21	0.01	39.97	0.11	10.0	1.09	1.18	1.18
15.0	3.24	3.22	0.02	40.26	0.03	15.0	1.09	1.18	1.18
20.0	3.24	3.23	0.01	40.31	0.13	20.0	1.09	1.18	1.18
25.0	3.25	3.24	0.01	40.44	0.04	25.0	1.09	1.18	1.18
30.0	3.24	3.24	0.00	40.12	0.09	30.0	1.09	1.18	1.18
35.0	3.26	3.25	0.01	40.03	0.03	35.0	1.09	1.18	1.18
40.0	3.26	3.25	0.01	39.97	0.01	40.0	1.09	1.18	1.18
45.0	3.25	3.26	0.00	40.02	0.10	45.0	1.09	1.18	1.18
50.0	3.27	3.27	0.00	40.12	0.15	50.0	1.09	1.18	1.17
60.0	3.28	3.27	0.01	40.09	0.06	60.0	1.10	1.17	1.17
80.0	3.28	3.25	0.03	40.49	0.16	80.0	1.10	1.17	1.17
100.0	3.29	3.30	0.01	40.87	0.02	100.0	1.10	1.17	1.17
120.0	3.32	3.32	0.01	41.56	0.17	120.0	1.10	1.17	1.17
140.0	3.31	3.32	0.01	42.29	0.19	140.0	1.10	1.17	1.17
160.0	3.32	3.31	0.01	43.10	0.03	160.0	1.11	1.16	1.16
180.0	3.33	3.31	0.01	44.02	0.13	180.0	1.11	1.16	1.16
200.0	3.37	3.37	0.00	44.76	0.04	200.0	1.11	1.16	1.16
225.0	3.35	3.35	0.00	46.22	0.10	225.0	1.11	1.16	1.16
250.0	3.36	3.37	0.01	47.55	0.10	250.0	1.12	1.16	1.15
275.0	3.35	3.36	0.00	49.04	0.09	275.0	1.12	1.16	1.15
300.0	3.43	3.41	0.01	50.97	0.22	300.0	1.12	1.16	1.15
325.0	3.40	3.38	0.03	53.77	0.13	325.0	1.12	1.15	1.15
350.0	3.39	3.38	0.02	55.75	0.20	350.0	1.12	1.15	1.15
375.0	3.43	3.41	0.02	56.46	0.15	375.0	1.13	1.15	1.15
400.0	3.45	3.42	0.03	60.57	0.13	400.0	1.13	1.15	1.15
425.0	3.45	3.43	0.02	66.59	0.30	425.0	1.13	1.15	1.15
450.0	3.46	3.44	0.02	66.96	0.21	450.0	1.13	1.16	1.15
475.0	3.48	3.45	0.03	73.81	0.21	475.0	1.13	1.16	1.15
500.0	3.48	3.46	0.02	65.07	0.18	500.0	1.14	1.16	1.15
550.0	3.51	3.48	0.04	64.00	0.34	550.0	1.14	1.16	1.15
600.0	3.55	3.51	0.04	56.23	0.18	600.0	1.14	1.16	1.16
650.0	3.55	3.51	0.03	53.68	0.36	650.0	1.14	1.17	1.16

¹Total Loss = Insertion Loss + 3dB Splitter Loss

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100624
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